

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet
Spring 2015 Levee Inspection Results****Reclamation District No. 2104 Peters Pocket Tract**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2015 Levee Inspection Results

Reclamation District No. 2104 Peters Pocket Tract

Waterway			Bank	Unit Miles
Unit No. 01 Cache Slough			Left	6.85
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/02/2015 - 04/02/2015			
DWR Inspector	Herman Phillips			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	04/02/2015 04/02/2015	Herman Phillips

LM Start		Rating **	M	Issue No.	12
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD2104_01_s_2012_12				
Action/Comments					
Inspector Comments: The district needs to have their staff flood fight trained.					

No Photos

LM Start		Rating **	A	Issue No.	14
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD2104_01_f_2012_14				
Action/Comments					
Inspector Comments: The district has the O&M Manual on hand.					

No Photos

LM Start		Rating **	M	Issue No.	40
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD2104_01_s_2012_40				
Action/Comments					
Inspector Comments: The district needs to have flood fight supplies in storage.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	04/02/2015 04/02/2015	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	42
LM End	0.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.308296 °	38.308296 °
				-121.758594 °	-121.758594 °
DWR ID	DWR_RD2104_01_s_2012_42				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : SP_2015_RD2104_249_42_20150604_00022.jpg



View looking downstream along the landside slope.

LM Start	0.01	Rating **	M	Issue No.	51
LM End	6.84	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.308095 °	38.308397 °
				-121.758575 °	-121.758587 °
DWR ID	DWR_RD2104_01_s_2015_51				
Action/Comments					
Keep the crown roadway free of vegetation.					

No Photos

LM Start	0.04	Rating **	A	Issue No.	59
LM End	0.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.307755 °	38.299350 °
				-121.758535 °	-121.749840 °
DWR ID	DWR_RD2104_01_s_2015_59				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	04/02/2015 04/02/2015	Herman Phillips

LM Start	0.04	Rating **	A	Issue No.	60
LM End	0.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.307755 °	38.299350 °
				-121.758535 °	-121.749840 °
DWR ID	DWR_RD2104_01_s _ 2015_60				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.25	Rating **	M	Issue No.	1
LM End	0.25	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.305022 °	38.305022 °
				-121.756692 °	-121.756692 °
DWR ID	DWR_RD2104_01_s _ 2012_1				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

No Photos

LM Start	0.88	Rating **	M	Issue No.	63
LM End	6.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.299350 °	38.308397 °
				-121.749840 °	-121.758587 °
DWR ID	DWR_RD2104_01_s _ 2015_63				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	04/02/2015 04/02/2015	Herman Phillips

LM Start	1.22	Rating **	M	Issue No.	45
LM End	4.72	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.296552 °	38.318462 °
				-121.744965 °	-121.744535 °
DWR ID	DWR_RD2104_01_s _ 2012_45				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

No Photos

LM Start	1.38	Rating **	U	Issue No.	64
LM End	1.49	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.295680 °	38.294765 °
				-121.742522 °	-121.741217 °
DWR ID	DWR_RD2104_01_s _ 2015_64				
Action/Comments					
Keep the crown roadway free of vegetation. Inspector Comments: Keep the crown roadway free of all vegetation.					

Photo 1 of 1 : SP_2015_RD2104_249_64_20150604_00023.jpg



View looking downstream at the crown roadway.

LM Start	1.38	Rating **	U	Issue No.	43
LM End	2.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.295688 °	38.298662 °
				-121.742488 °	-121.730313 °
DWR ID	DWR_RD2104_01_f _ 2014_43				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Unacceptable weeds on the landside levee slope.					

Photo 1 of 1 : SP_2015_RD2104_249_43_20150604_00024.jpg



Unacceptable weeds on the landside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	04/02/2015 04/02/2015	Herman Phillips

LM Start	1.57	Rating **	M	Issue No.	44
LM End	1.57	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.294117 °	38.294117 °
				-121.740385 °	-121.740385 °
DWR ID	DWR_RD2104_01_f_2014_44				
Action/Comments					

No Photos

LM Start	2.60	Rating **	M	Issue No.	123
LM End	2.60	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.291579 °	38.291579 °
				-121.726159 °	-121.726159 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41347 DS_ID:24726 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 24-inch CMP debris on WS berm may indicate pipe was abandoned. FIELD_STRUCT_DESC: 24-inch CMP drain pipe through the levee 18-feet below the crown. Flapgate on the WS toe. Originally included in O+M manual, 1964. FS Date: 12/04/2013					

No Photos

LM Start	3.12	Rating **	M	Issue No.	119
LM End	3.12	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.300600 °	38.300600 °
				-121.730432 °	-121.730432 °
DWR ID	DWR_RD2104_01_f_2014_119				
Action/Comments					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	04/02/2015 04/02/2015	Herman Phillips

LM Start	3.29	Rating **	M	Issue No.	124
LM End	3.29	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.299447 °	38.299447 °
				-121.730444 °	-121.730444 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41834 DS_ID:24720 EP_NO: 14184 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Signs in disrepair and need proper markings. FIELD_STRUCT_DESC: 6-inch steel gasoline through the levee 3-feet below the crown. Signs on LS and WS toe. FS Date: 12/04/2013					

No Photos

LM Start	3.38	Rating **	M	Issue No.	125
LM End	3.38	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.300605 °	38.300605 °
				-121.730440 °	-121.730440 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:24992					
DS_ID:24707					
EP_NO: 4412					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Heavy vegetation at concrete headwall on LS toe and at possible outlet area on WS toe. If possible, vegetation should be cleared to check if this is an accurate location. Erosion around backside of headwall at LS toe.					
FIELD_STRUCT_DESC: 4 x 4 concrete culvert through the levee 17.0-feet below the crown. Originally included in O+M manual, 1964.					
Concrete headwall on LS toe.					
FS Date: 12/04/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	04/02/2015 04/02/2015	Herman Phillips

LM Start	3.47	Rating **	M	Issue No.	70
LM End	3.47	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.304828 °	38.304828 °
				-121.731148 °	-121.731148 °
DWR ID	DWR_RD2104_01_s_2015_70				
Action/Comments					

No Photos

LM Start	4.01	Rating **	M	Issue No.	120
LM End	4.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.310912 °	38.310912 °
				-121.736172 °	-121.736172 °
DWR ID	DWR_RD2104_01_f_2014_120				
Action/Comments					
Pipe					
Inspector Comments: The landowner is working with CVFPB authorizing the work on this pipe.					

Photo 1 of 2 : SP_2015_RD2104_249_120_20150312_00010.jpg



View of pipe on landward side. Water is shown coming through levee around pipe.

Photo 2 of 2 : SP_2015_RD2104_249_120_20150312_00011.jpg



View of the unauthorized pipe work. The siphon breaker on the waterward side has water running under pipe back through levee.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	04/02/2015 04/02/2015	Herman Phillips

LM Start	4.24	Rating **	U	Issue No.	122
LM End	4.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.313130 °	38.318388 °
				-121.739050 °	-121.744370 °
DWR ID	DWR_RD2104_01_f_2014_122				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : SP_2015_RD2104_249_122_20150604_00026.jpg



Unacceptable weeds on the landside levee slope.

LM Start	4.34	Rating **	U	Issue No.	126
LM End	4.34	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.310873 °	38.310873 °
				-121.736189 °	-121.736189 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:24995 DS_ID:24706 EP_NO: 10183 Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe rusted through on WS berm. Siphon breaker in CMP riser blocked by riser misalignment. FIELD_STRUCT_DESC: 12-inch steel drainpipe through the levee 4.0-feet below the crown. Pump on pile structure in drainage ditch on landward side. One C.M. cutoff wall and a Siphon breaker in a 24-inch CMP riser on the waterward shoulder. Flap gate on waterward end. (ABO No. 10183 - Miller) Originally included in O+M manual, 1964. Asbuilt Dwg. 50-04-3379. FS Date: 12/04/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	04/02/2015 04/02/2015	Herman Phillips

LM Start	4.66	Rating **	U	Issue No.	127
LM End	4.66	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.313955 °	38.313955 °
				-121.739930 °	-121.739930 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:24996					
DS_ID:24705					
EP_NO: 10182					
Repair Type: Urgent					
Crossing Status: Found					
UCIP Comments: Vegetation and soil buildup throughout pipe preventing flapgate from closing. Remove vegetation to allow gate to close properly.					
FIELD_STRUCT_DESC: 24-inch CMP drainpipe through the levee 15.0-feet below the crown. 36-inch concrete standpipe on LS toe. Flapgate on WS toe. Two C.M. cut of walls. (ABO No. 10182 - Machado)					
Originally included in O+M manual, 1964. Asbuilt Dwg. 50-04-3379.					
FS Date: 12/04/2013					

No Photos

LM Start	4.72	Rating **	M	Issue No.	19
LM End	4.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.318462 °	38.318462 °
				-121.744535 °	-121.744535 °
DWR ID	DWR_RD2104_01_s _ 2013_19				
Action/Comments					
Note and monitor erosion site.					

No Photos

LM Start	4.77	Rating **	M	Issue No.	53
LM End	4.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.318685 °	38.318685 °
				-121.745368 °	-121.745368 °
DWR ID	DWR_RD2104_01_s _ 2013_53				
Action/Comments					
Note and monitor erosion site.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	04/02/2015 04/02/2015	Herman Phillips

LM Start	4.90	Rating **	M	Issue No.	54
LM End	6.83	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.319819 °	38.308575 °
				-121.747403 °	-121.758448 °
DWR ID	DWR_RD2104_01_s _ 2013_54				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

No Photos

LM Start	4.90	Rating **	M	Issue No.	29
LM End	4.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.319812 °	38.319812 °
				-121.747434 °	-121.747434 °
DWR ID	DWR_RD2104_01_s _ 2012_29				
Action/Comments					
Note and monitor erosion site.					

No Photos

LM Start	5.03	Rating **	M	Issue No.	128
LM End	5.03	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.317941 °	38.317941 °
				-121.743503 °	-121.743503 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:25003					
DS_ID:24704					
EP_NO: 10182					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Sign on WS toe needs repair.					
FIELD_STRUCT_DESC: 8-inch gas line through levee at high					
elevation. Sign on WS and LS toe. (ABO No. 10182 - Machado) Asbuilt					
Dwg. 50-04-3379.					
FS Date: 12/04/2013					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	04/02/2015 04/02/2015	Herman Phillips

LM Start	5.04	Rating **	M	Issue No.	41
LM End	5.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.321582 °	38.321582 °
				-121.748546 °	-121.748546 °
DWR ID	DWR_RD2104_01_s _ 2012_41				
Action/Comments					
Note and monitor erosion site.					

No Photos

LM Start	5.05	Rating **	M	Issue No.	129
LM End	5.05	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.318119 °	38.318119 °
				-121.743730 °	-121.743730 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:25005 DS_ID:24703 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Good candidate for video inspection. FIELD_STRUCT_DESC: 18-inch steel irrigation pipe through the levee 13.5-feet below the crown. Pump on pile structure in stream. Slide gate in 36-inch CMP riser on waterward slope. Two cutoff walls. Concrete "U" headwall and air vent at toe of landward slope. Asbuilt Dwg. 50-04-3379. Electrical conduit through levee at same location. FS Date: 12/04/2013					

No Photos

LM Start	5.05	Rating **	M	Issue No.	55
LM End	5.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.321719 °	38.322666 °
				-121.748556 °	-121.748448 °
DWR ID	DWR_RD2104_01_s _ 2013_55				
Action/Comments					
Note and monitor erosion site.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	04/02/2015 04/02/2015	Herman Phillips

LM Start	5.10	Rating **	M	Issue No.	26
LM End	6.25	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.322340 °	38.316815 °
				-121.748377 °	-121.758227 °
DWR ID	DWR_RD2104_01_s _ 2012_26				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

No Photos

LM Start	5.10	Rating **	M	Issue No.	130
LM End	5.10	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.318432 °	38.318432 °
				-121.744540 °	-121.744540 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:25006 DS_ID:24702 EP_NO: 10182 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Minor erosion of base under headwall on WS toe. Heavy corrosion of pipe at WS toe. Further evaluation of pipe integrity needed. FIELD_STRUCT_DESC: 24-inch CMP drain pipe through the levee 13.5-feet below the crown. Concrete "U" headwalls on both ends. Two C.M. cutoff walls. Flap gate on waterward end. (ABO No. 10182 - Machado) FS Date: 12/04/2013					

No Photos

LM Start	5.29	Rating **	M	Issue No.	56
LM End	6.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.323308 °	38.313087 °
				-121.751226 °	-121.758175 °
DWR ID	DWR_RD2104_01_s _ 2013_56				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	04/02/2015 04/02/2015	Herman Phillips

LM Start	5.29	Rating **	U	Issue No.	73
LM End	5.29	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.323281 °	38.323281 °
				-121.751272 °	-121.751272 °
DWR ID	DWR_RD2104_01_s_2014_73				
Action/Comments					

Photo 1 of 1 : SP_2015_RD2104_249_73_20150312_00008.jpg



Repair this gate.

LM Start	5.36	Rating **	M	Issue No.	33
LM End	5.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.323730 °	38.323780 °
				-121.752430 °	-121.752410 °
DWR ID	DWR_RD2104_01_s_2012_33				
Action/Comments					
Note and monitor erosion site.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	04/02/2015 04/02/2015	Herman Phillips

LM Start	5.51	Rating **	U	Issue No.	131
LM End	5.51	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.322215 °	38.322215 °
				-121.748418 °	-121.748418 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:25007					
DS_ID:24701					
EP_NO: 10182					
Repair Type: Urgent					
Crossing Status: Found					
UCIP Comments: Footing under headwall on WS toe severely undermined. Pipe rusted heavily with holes at WS and may need replacement.					
FIELD_STRUCT_DESC: 24-inch CMP drain pipe through levee 13.0 feet below crown. Two cutoff walls. Concrete "U" headwalls on both ends. Flap gate on water end. (ABO No. 10182 - Machado). Asbuilt Dwg. 50-04-3379.					
FS Date: 12/04/2013					

No Photos

LM Start	5.51	Rating **	M	Issue No.	77
LM End	5.51	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.325048 °	38.325048 °
				-121.754357 °	-121.754357 °
DWR ID	DWR_RD2104_01_s _ 2014_77				
Action/Comments					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	04/02/2015 04/02/2015	Herman Phillips

LM Start	7.39	Rating **	U	Issue No.	132
LM End	7.39	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.308404 °	38.308404 °
				-121.758585 °	-121.758585 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:25086 DS_ID:24699 EP_NO: 10184 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: Pump station visible to north on LS toe. Good indicator of location. Need PG+E to mark pipe location. FIELD_STRUCT_DESC: 8-inch gas line through levee 2.0 feet below crown. (ABO No. 10184 - PG&E). Asbuilt Dwg. 50-04-3379. FS Date: 12/04/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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